GOVERNMENT OF INDIA
RAILWAYS
LOK SABHA

STARRED QUESTION NO:268
ANSWERED ON:11.08.2005
SIGNALLING SYSTEM
Jha Shri Raghunath

Will the Minister of RAILWAYS be pleased to state:

(a) whether the over-aged signalling system is one of the major factors responsible for rail accidents;

(b) if so, the efforts made by the Railways to reduce accidents on account of the over-aged signalling system ;

(c) the number of Stations where modern signalling system has been provided so far/proposed to be provided zone-wise;

(d) the total expenditure incurred by the Railways on replacement of old signalling system by the modern system during each of the last three years ; and

(e) the time by which the work on replacement of signalling system is likely to be completed ?

Answer

MINISTER OF RAILWAYS (SHRI LALU PRASAD)

(a) to (e) A statement is laid on the Table of the Sabha.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF STARRED QUESTION NO.

268 BY SHRI RAGHUNATH JHA TO BE ANSWERED IN LOK SABHA ON 11-8-2005 REGARDING SIGNALLING SYSTEM

(a) Overaged signalling system is not a major factor responsible for rail accidents. During the last five years from 2000-01 to 2004-05, out of 1798 consequential train accidents that took place on Indian Railways, 21 (1.17%) have been attributed to failure of Signalling & Telecommunication equipment and staff.

(b) Safety is the prime concern of Indian Railways and adoption of new measures to improve safety is a continuous process. The measures being taken by Indian Railways to minimize incidence of accidents include adoption of suitable modern technologies for interlocking and signalling system, modernization of maintenance practices, replacement of over aged assets, upgradation of training aids and checks on observance of safety p;ecautions.

(c) Number of stations where Modern Signalling System has been provided so far/proposed to be provided is as given below:-

Status of provision of modern signalling systems on Broad Gauge

Railway	No. of stations provided with modern signalling upto March 2005	Work in progress
Central Railway	245	85
Eastern Railway	134	170
Northern Railway	207	294
North Eastern Railway	121	12
Northeast Frontier Railway	172	16
Southern Railway	303	51
South Central Railway	412	30
South Eastern Railway	120	110
Western Railway	286	32
East Central Railway	184	127
East Coast Railway	89	102
North Central Railway	62	125
North Western Railway	103	7
South East Central Railway	66	62

South Western Railway	175	74
West Central Railway	118	59
Indian Railways	2797	1356

In addition, 91 stations have been provided with modern Signaling from April to July,2005.

(d) The following table shows the expenditure (net) incurred on 'Signalling & Telecommunication Works' for replacement of overaged signaling and telecommunication installations under Depreciation Reserve Fund (DRF) for current arisings and Special Railway Safety Fund (SRSF) for old overaged installations during the last three years:-

(Rs. in crores)

Year	DRF	SRSF	Total
2002-03	75.82	352.87	428.69
2003-04	67.54	494.13	561.67
2004-05 (Provisional)	92.76	563.27	656.03
Total	236.12	1410.27	1646.39

(e) Sanctioned works of replacement of signalling system as on 1.4.2005 are likely to be completed by March,2009.